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BURRELL-3.0-012



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re patent application of:  
James W. Burrell IV

Serial No. 10/071,952

Filed: February 7, 2002

For: VIRTUAL KEYBOARD AND  
CONTROL MEANS

Group Art Unit 2854

Examiner Charles H. Nolan, Jr.

August 21, 2002

RECEIVED  
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TECHNOLOGY CENTER 2800

Hon. Commissioner of Patents and Trademarks  
Washington, D.C. 20231

**INFORMATION DISCLOSURE STATEMENT**

Sir:

Applicant is aware of the following prior art and patents, and wishes to bring them to the attention of the U.S. Patent and Trademark Office once again, as they have been referenced in U.S. patent 5,993,089 to Burrell, IV and are once again relevant in the consideration of the present patent application:

Witten, I. H., (1982) "Principles of Computer Speech" (pp. 247-249)  
London: Academic Press

#329,675 on 11-03-85 to Perkins  
#477,062 on 06-14-92 to Orndorff  
#506,718 on 10-17-93 to Orndorff  
#578,785 on 03-16-97 to Swindler  
#1,293,023 on 02-04-19 to Bryan et al.  
#1,409,386 on 03-14-22 to McQuarrie  
#1,487,115 on 03-18-24 to McQuarrie  
#1,733,605 on 10-29-29 to Jones  
#1,771,953 on 07-29-30 to Conklin  
#1,932,914 on 10-31-33 to Shelton et al.

#1,936,089 on 11-21-33 to Jacqueroed  
#1,998,063 on 04-16-35 to Wessborg  
#2,012,924 on 08-27-35 to Conklin  
#2,028,516 on 01-21-36 to Miller et al.  
#2,031,017 on 02-18-36 to Tevis  
#2,040,248 on 05-12-36 to Dvorak et al.  
#2,150,364 on 03-14-39 to Dudley  
#2,187,592 on 01-16-40 to Paul  
#2,189,023 on 02-06-40 to Ayres  
#2,190,752 on 02-20-40 to Brown  
#2,192,594 on 03-05-40 to Brand et al.  
#2,282,102 on 05-05-42 to Tunick  
#2,312,138 on 02-23-43 to Watson  
#2,390,414 on 12-04-45 to Ayres et al.  
#2,428,605 on 10-07-47 to Ayres  
#2,520,142 on 08-29-50 to Herbst  
#2,532,228 on 11-28-50 to Hesh  
#2,581,665 on 01-08-52 to Jarmann  
#2,616,198 on 11-04-52 to Sewell  
#2,634,052 on 04-07-53 to Bloch  
#2,641,769 on 06-16-53 to Robinson  
#2,718,633 on 09-20-55 to Fennessy  
#2,823,468 on 02-18-58 to Mora  
#2,850,812 on 09-09-58 to Mannheimer  
#2,972,140 on 02-14-61 to Hirsch  
#3,021,611 on 02-20-62 to Goodell et al.  
#3,022,878 on 02-27-62 to Seibel et al.  
#3,102,254 on 08-27-63 to Levy  
#3,166,856 on 01-26-65 to Uttal  
#3,184,554 on 05-18-65 to Meacham et al.  
#3,197,889 on 08-03-65 to Micropoulou  
#3,225,883 on 12-28-65 to Ayres  
#3,234,664 on 02-15-66 to Yaeger  
#3,241,115 on 03-15-66 to Maling  
#3,277,587 on 10-11-66 to Holcombe  
#3,369,643 on 02-20-68 to Avgerinos et al.  
#3,375,497 on 03-26-68 to Jones et al.  
#3,381,276 on 04-30-68 to James  
#3,428,747 on 02-18-69 to Alferieff  
#3,466,647 on 09-09-69 to Guzak, Jr.  
#3,507,376 on 04-21-70 to Kafafian  
#3,526,892 on 09-01-70 to Bartlett et al.  
#3,582,554 on 06-01-71 to Le Bang  
#3,633,724 on 01-11-72 to Samuel  
#3,675,513 on 07-11-72 to Flanagan et al.

#3,772,597 on 11-13-73 to Stover  
#3,781,802 on 12-25-73 to Kafafian  
#3,798,599 on 03-19-74 to Kafafian  
#3,818,448 on 06-18-74 to Wilkins  
#3,831,147 on 08-20-74 to Kafafian  
#3,831,296 on 08-27-74 to Hagle  
#3,833,765 on 09-03-74 to Hilborn et al.  
#3,879,722 on 04-22-75 to Knowlton  
#3,929,216 on 12-30-75 to Einbinder  
#3,945,482 on 03-23-76 to Einbinder  
#3,967,273 on 06-29-76 to Knowlton  
#3,970,185 on 07-20-76 to Shelton  
#3,980,823 on 09-14-76 to Howard  
#3,982,236 on 09-21-76 to Kafafian  
#4,037,200 on 07-19-77 to Cranmer  
#4,042,777 on 08-16-77 to Bequaert et al.  
#4,067,431 on 01-10-78 to Whitaker  
#4,074,444 on 02-21-78 to Laenger, Sr. et al.  
#4,132,976 on 01-02-79 to Siegal  
#4,159,471 on 06-26-79 to Whitaker  
#4,185,282 on 01-22-80 to Pick  
#4,333,097 on 06-01-82 to Buric et al.  
#4,350,055 on 09-21-82 to Pinomäki  
#4,360,892 on 11-23-82 to Endfield  
#4,381,502 on 04-26-83 to Prame  
#4,467,321 on 08-21-84 to Volnak  
#4,494,109 on 01-15-85 to Berwin  
#4,516,939 on 05-14-87 to Crimmins, Jr.  
#4,655,621 on 04-07-87 to Holden  
#4,680,572 on 07-14-87 to Meguire et al.  
#4,775,255 on 10-04-88 to Langley  
#4,791,408 on 12-13-88 to Heusinkveld  
#4,804,279 on 02-14-89 to Berkelmans et al.  
#4,831,218 on 05-16-89 to Wright  
#4,836,700 on 06-06-89 to Jensen  
#4,911,565 on 03-27-90 to Ryan  
#4,913,573 on 04-03-90 to Retter  
#5,010,799 on 04-30-91 to Tanaka et al.  
#5,087,910 on 02-11-92 to Guyot-Sionnest  
#5,189,416 on 02-23-93 to Zestes  
#5,217,311 on 06-08-93 to Freedman  
#5,281,966 on 01-25-94 to Walsh  
#5,341,133 on 08-23-94 to Savoy  
#5,361,083 on 11-01-94 to Pollack  
#5,459,458 on 10-17-95 to Richardson et al.

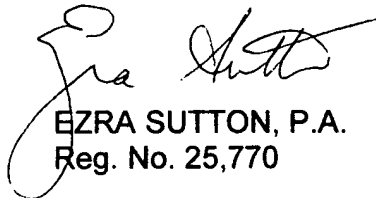
#5,486,058 on 01-23-96 to Allen  
#5,515,305 on 01-23-96 to Register et al.  
#5,642,108 on 05-07-97 to Gopher et al.  
#5,793,312 on 08-11-98 to Tsubai  
#5,993,089 on 11-30-99 to Burrell, IV  
#6,043,761 on 03-28-00 to Burrell, IV  
#6,184,803 on 02-06-01 to Burrell, IV  
#6,232,892 on 05-15-01 to Burrell, IV.

Enclosed herewith is Form PTO-1449 listing these prior art references. Pursuant to Section 609 of the M.P.E.P., after these references are considered by the Examiner, please return to the undersigned attorney a copy of Form PTO-1449 with the Examiner's initials thereon, indicating that these references have been considered by the Examiner.

In addition, these prior art patents have already been reviewed in the prior art patent application U.S. patent 5,993,089 to Burrell, IV and it is now well known that the applicant's past and pending claims distinguish over all relevant prior art.

In view of the foregoing information, early action and allowance of this application are respectfully requested.

Respectfully submitted,



EZRA SUTTON, P.A.  
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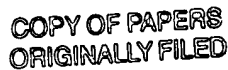
Under the Paper  
control number.

PTO/SB/08A (10-01)  
Approved for use through 10/31/2002. OMB 0651-0031  
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE  
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U.S. PATENT DOCUMENTS				
Examiner Initials*	Cite No. 1	Document Number	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code <sup>2</sup> (if known)		
		US-4,467,321	8-21-84 VOLNAR	
		US-4,494,109	1-15-85 BERWIN	
		US-4,516,939	5-14-85 CRIMMINS, JR.	
		US-4,655,621	4-7-87 HOLDEN	
		US-4,680,572	7-14-87 M	
		US-4,775,255	10-4-88 LANGLEY	
		US-4,791,408	12-13-88 HEUSINKVELD	
		US-4,804,279	2-14-89 BERKELMANS et al.	
		US-4,831,218	5-16-89 WRIGHT	
		US-4,836,700	6-6-89 JENSEN	
		US-4,911,565	3-27-90 RYAN	
		US-4,913,573	4-3-90 RETTER	
		US-5,010,799	4-30-91 TANAKA et al.	
		US-5,087,910	2-11-92 GUYOT-SIONNEST	
		US-5,189,716	2-23-93 ZESTES	
		US-5,217,311	6-8-93 FREEDMAN	
		US-5,281,966	1-25-94 WALSH	
		US-5,341,133	8-23-94 SAVOY	
		US-5,361,083	11-1-94 POLLACK	
		US-5,459,458	10-17-95 RICHARDSON et al.	

[illegible]

Examiner Signature		Date Considered	
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<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

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control number

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Application Number	10/071,952
Filing Date	07 FEB 02
First Named Inventor	BURRELL, IV
Art Unit	2854
Examiner Name	CHARLES H. NOLAN, JR.
Attorney Docket Number	3.0-012

[illegible][illegible]Date  
Considered

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Approved for use through 10/31/2002. OMB 0651-0031

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Substitute for form 1449B/PTO		<b>Complete if Known</b>	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  <i>(use as many sheets as necessary)</i>		Application Number	10,071,952
		Filing Date	07 FEB 02
		First Named Inventor	BURRELL, IV
		Group Art Unit	2854
		Examiner Name	CHARLES H. NOLAN, JR.
		Attorney Docket Number	3.0-012
Sheet	7	of	7

[illegible]

Examiner Signature	Date Considered
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached.

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0127607609

Witten, I. H. (1982), "Principles of Computer Speech" (pp. 247-249)  
London: Academic Press.